

09805636-024301

INTEGRATED SECURITY AND COMMUNICATIONS SYSTEM
WITH SECURE COMMUNICATIONS LINK

Abstract of the Disclosure

[0126] An integrated security and communications system combines a security system to either or both of a telephone system interface and a data interface. Users have access to voice-mail or other PBX-type telephone functions, many or all of which can be accessed not only at telephone sets, but also at keypads of the security system. Data functions such as electronic mail and possible partial or full World Wide Web access may also be provided at the keypads, as well as at connected personal computers or computer terminals. The system keypads may be enhanced to better accommodate some of the added functions. A central communications station could be used to maintain secure, shared private key encrypted communications with each premises system, using a redirector arrangement or relay to allow each premises system to communicate securely with a central monitoring station and with other systems. The secure communications system could be used without a security system to allow secure computer-to-computer communications.